Update on Changes to Solid Waste Guidance Document:

Guidance for Conducting Facility-Based Impact Evaluation for Solid Waste Facility Site Assignment and Permitting in Support of 310 CMR 16.00 & 19.000

General Changes

- Replaces all references to Cumulative Impact Assessment" with "Facility Impact Assessment"

- Adds section describing MADEP-approved BMPs for solid waste facilities (e.g., diesel engine retrofits)

General Changes

- New Section 5: all landfills (including both small and large) must evaluate potential groundwater and surface water impacts

- New Appendix B provides more extensive guidance for ground and surface water assessments

General Changes

- New Section 6: covers content and timelines of reports

- Appendix A: contains Level 1 and Level 2 checklists

General Changes

- Review of this guidance document within 3-year period
  - Reaffirm
  - Revise
  - Sunset
- Review will be conducted with SWAC

Changes in Level 2 Assessment

- Estimating Air Concentrations for Risk Evaluation
  - Modeled – AP-42 list of chemicals required
  - Measured – site-specific (optional)
  - Use higher concentration of modeled or measured

- Gas Collection Efficiency
  - 0% when landfill active
  - 75% when closed

Changes in Level 2 Assessment

- Updates recommended chemical-specific toxicity criteria (for use in quantitative risk assessment)

Level 2 - Changes by Waste Type

- Ash Landfills: Removes need to do ash risk assessment (supported by results of Haverhill Covanta air monitoring study)

- Special Wastes: Removes need to evaluate special waste unless it is the predominant (i.e., >50%) waste taken in at a facility

Level 2 - Changes by Waste Type

- C&D Landfills:
  - Eliminates separate categories for C&D residual and unprocessed landfills; Level of evaluation will be determined by landfill size.
  - Adds recommended BMPS to reduce H_2S emissions from landfills that accept C&D
  - Refers to future guidance for addressing H_2S from landfills (under development)